

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : **Xin LIU et al.**

Attorney Docket: **33229-200485**

Serial No.: **TO BE ASSIGNED**

Unit: **TO BE ASSIGNED**

Filed: **February 5, 2004**

Examiner: **TO BE ASSIGNED**

For: **METHOD FOR EXTRACTING OLEAGINOUS SUBSTANCES FROM GERMINATION-ACTIVATED *GANODERMA LUCIDUM* SPORES**

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.56, 1.97, and 1.98**

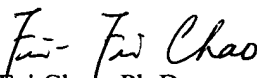
Commissioner of Patents
P.O. Box 1450
Alexandra, VA 22313-1450

Sir:

In compliance with the dictates of 37 C.F.R. § 1.56, 1.97, and 1.98, Applicant hereby submits an Information Disclosure Statement. The attached listing is submitted with the desire that the Examiner consider the information and that the references considered be printed on any resulting patent. It is respectfully requested that the Examiner indicate such consideration by enclosing an appropriately initialed copy of the enclosed form PTO-1449 with the next communication from the Patent Office.

The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.

Respectfully submitted,


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Date: February 5, 2004

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	Atty Docket 33229-200485	
	Applicant Xin LIU et al.	
	Filing Date February 5, 2004	Title: Method for Extracting Oleaginous Substances from Germination-Activated <i>Ganoderma</i> <i>Lucidum</i> Spores

U.S. PATENT DOCUMENTS

Examiner Initial		US PATENT NUMBER	Date	Name	Class	Sub-Class	Filing Date
	AA	6,111,108	08/29/00	Lopez-Avila et al.	C07D	491/22	06/30/98
	AB	4,675,198	06/23/87	Sevenants	A23L	1/211	12/31/84
	AC	5,017,397	05/21/91	Nguyen et al.	A23L	1/28	04/25/90

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AA	Wasser, Solomon P. et al.; Therapeutic Effects of Substances Occurring in Higher Basidiomycetes Mushrooms: A Modern Perspective; Critical Reviews in Immunology, 1999, Vol. 19, P 65-96
	AB	Lin, Lee-Jui-an et al.; Separation of oxygenated triterpenoids from <i>Ganoderma lucidum</i> by high-performance liquid chromatography; Journal of Chromatography, 1987, Vol. 410, P 195-200
	AC	El-Mekkawy, Sahar et al.; Anti-HIV-1 and Anti-HIV-1-Protease Substances from <i>Ganoderma Lucidum</i> ; Phytochemistry, 1998, Vol. 49, No. 6, P 1651-1657
	AD	O'Neil, Carol E. et al.; Basidiospore Extracts: Evidence for Common Antigenic/Allergenic Determinants; Int. Archs Allergy appl. Immun., 1988, Vol. 85, P 161-166
	AE	Kim, Kug Chan et al.; <i>Ganoderma lucidum</i> extract protects DNA from strand breakage caused by hydroxyl radical and UV irradiation; International Journal of Molecular Medicine, 1999, Vol. 4, P 273-277
	AF	Min, Byung-Sun et al.; Triterpenes from the Spores of <i>Ganoderma lucidum</i> and Their Inhibitory Activity against HIV-1 Protease; Chem Pharm Bull, 1998, Vol. 46(10), P 1607-1612
	AG	Kino et al.; An immunomodulating protein, Ling Zhi8 (LZ-8) prevents insulinitis in non-obese diabetic mice; Diabetologia, 1990, Vol. 33, P 713-718
	AH	Gengtao, Liu et al.; Some Pharmacological Actions of the Spores of <i>Ganoderma Lucidum</i> and the Mycelium of <i>Ganoderma Capense</i> (Lloyd) Teng Cultivated by Submerged Fermentation; Chinese Medical Journal, 1979, Vol. 92(7), P 496-500

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conform. Include copy of this form with next communication to Applicant.